



24-AT-6005
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Challberg et al.

Serial No.: 09/597,113

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For: CORE CONFIGURATION FOR A
NUCLEAR REACTOR

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: Art Unit: 3641
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: Examiner: J. Keith
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3/7/02
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AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

In response to the Office Action dated November 30, 2001, please amend the above-identified patent application as follows.

IN THE CLAIMS

Please cancel Claims 3, 7, and 11.

Sub B1
A1
1. (amended) A core for a nuclear reactor comprising:
a plurality of fuel bundles; and
a plurality of large control rods, each said control rod comprising four control rod blades extending radially from a central portion and arranged at right angles to each other, said blades defining four fuel bundle receiving channels, said control rods arranged in a plurality of staggered rows with only four fuel bundles in each said receiving channel.

A2
~~6. (amended) A core for a nuclear reactor comprising a plurality of fuel cells, each said fuel cell comprising;~~